

FIG. 1

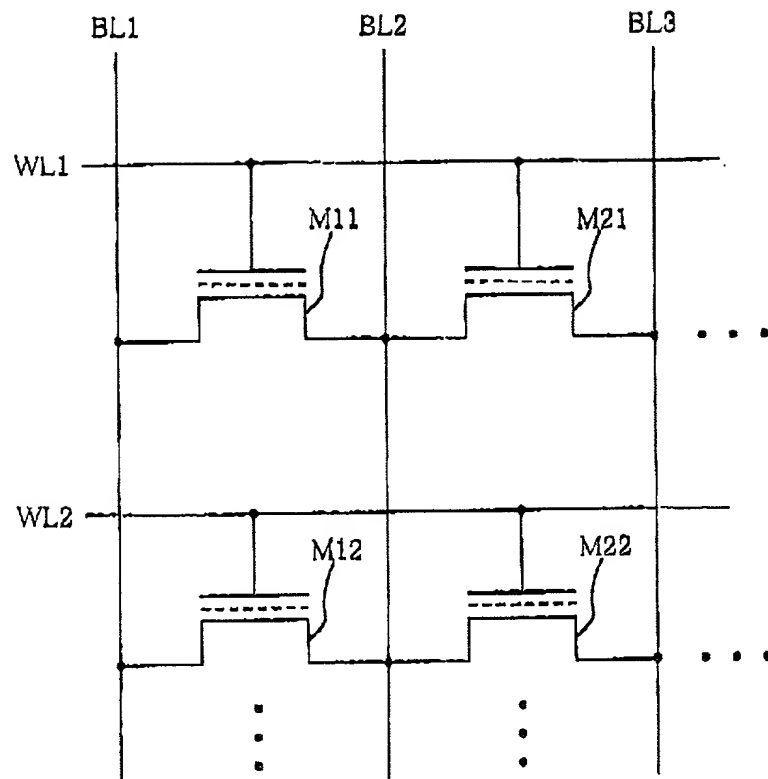


FIG. 2

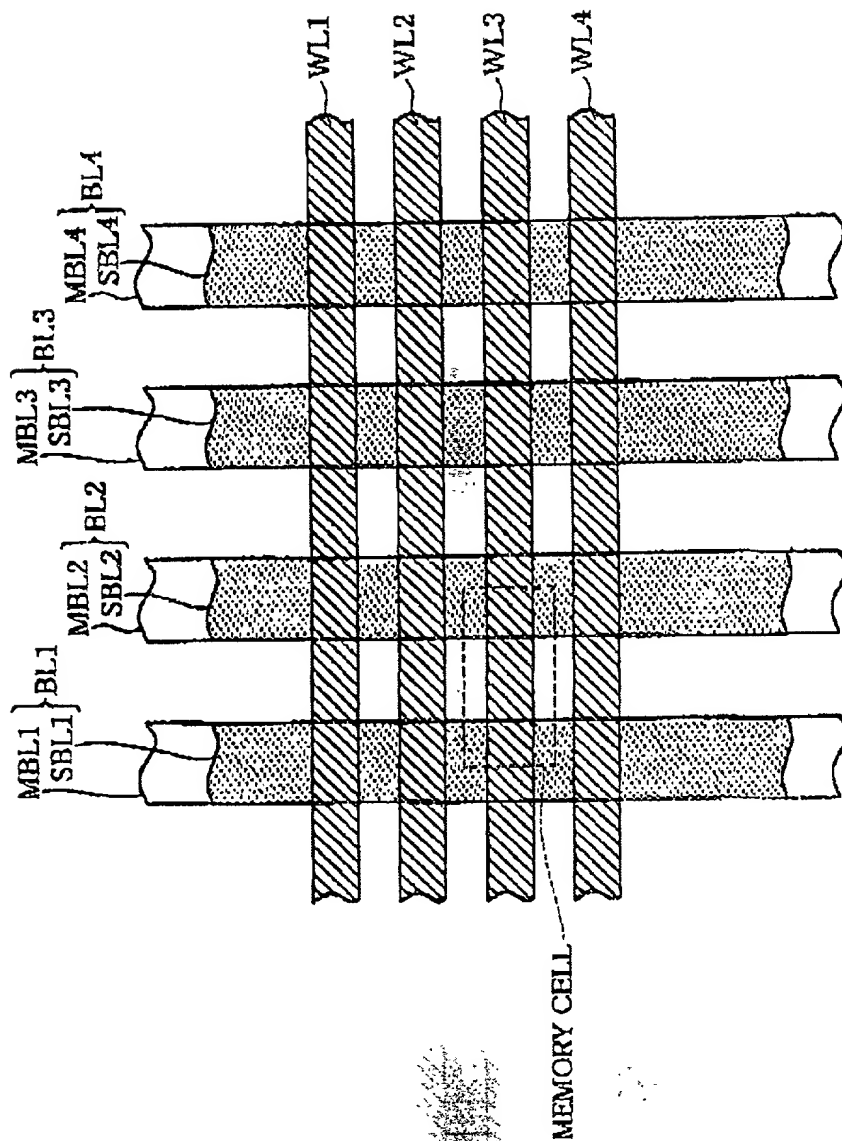


FIG. 3

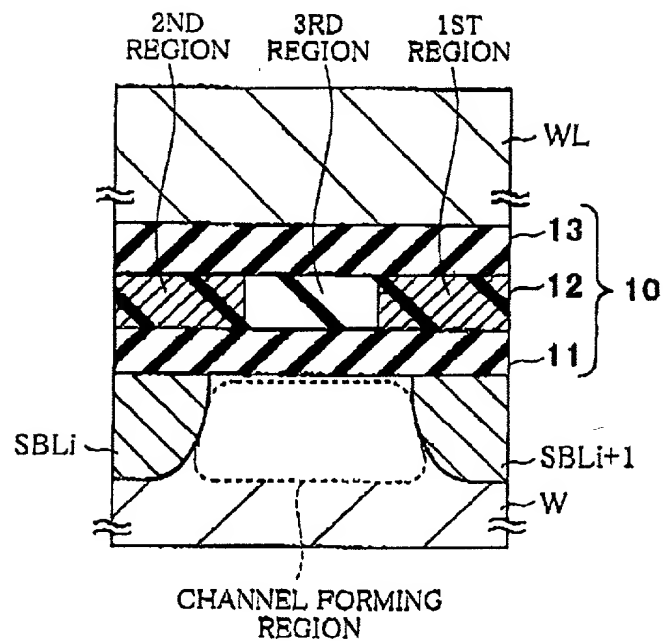


FIG. 5

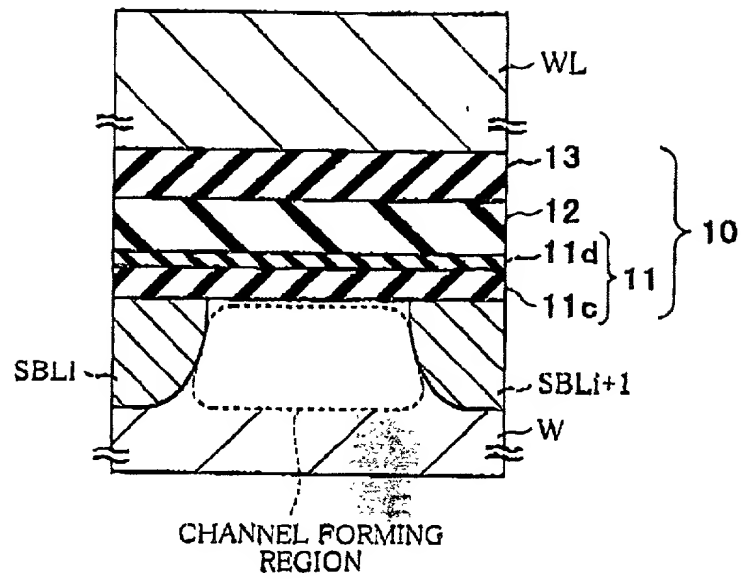


FIG. 6

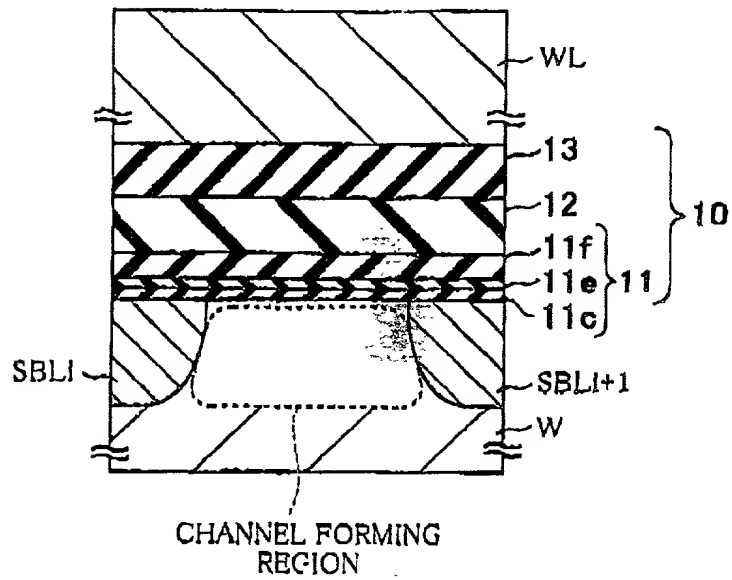


FIG. 7

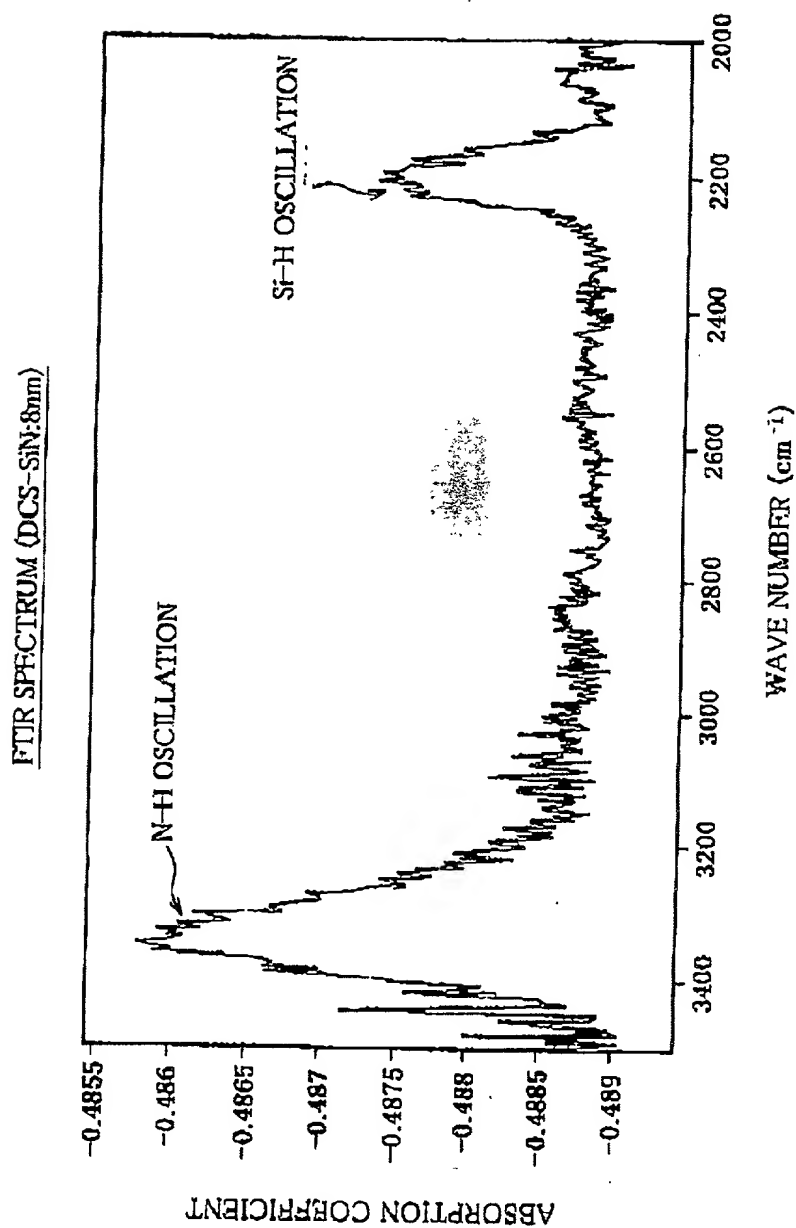


FIG. 8

FTIR SPECTRUM (TCS-SIN:8mm)

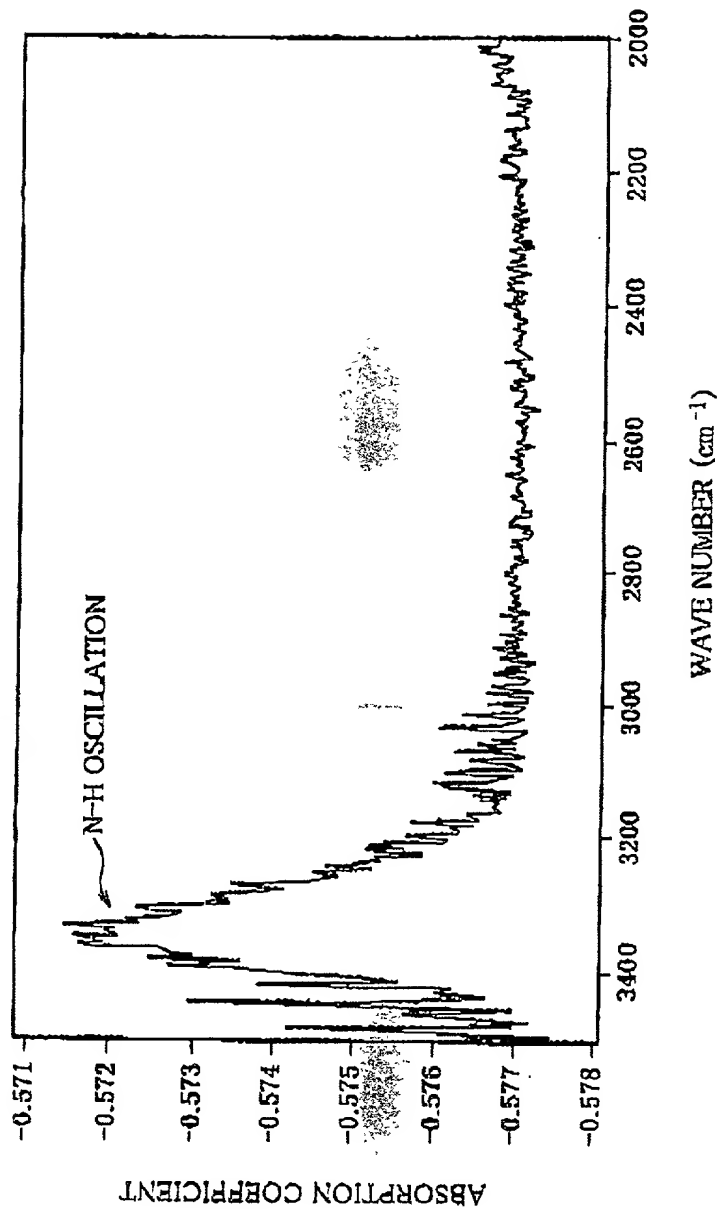


FIG. 9

SI-H BOND DENSITY AND N-H BOND DENSITY CALCULATED FROM THE FTIR SPECTRA

	Si-H	N-H
DCS	1.6×10^{21} atoms/mm ³	9.0×10^{21} atoms/mm ³
TCS	1.1×10^{20} atoms/mm ³	1.3×10^{22} atoms/mm ³

FIG. 10

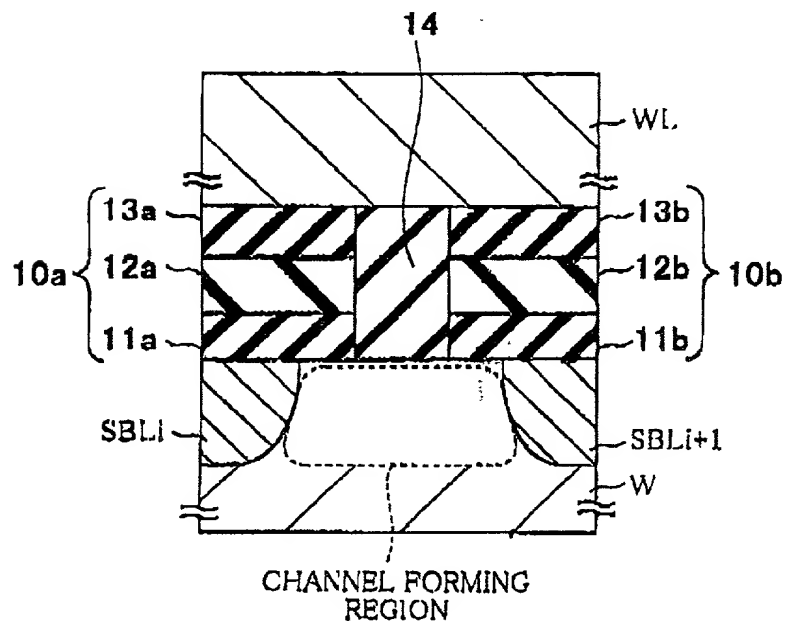


FIG. 11

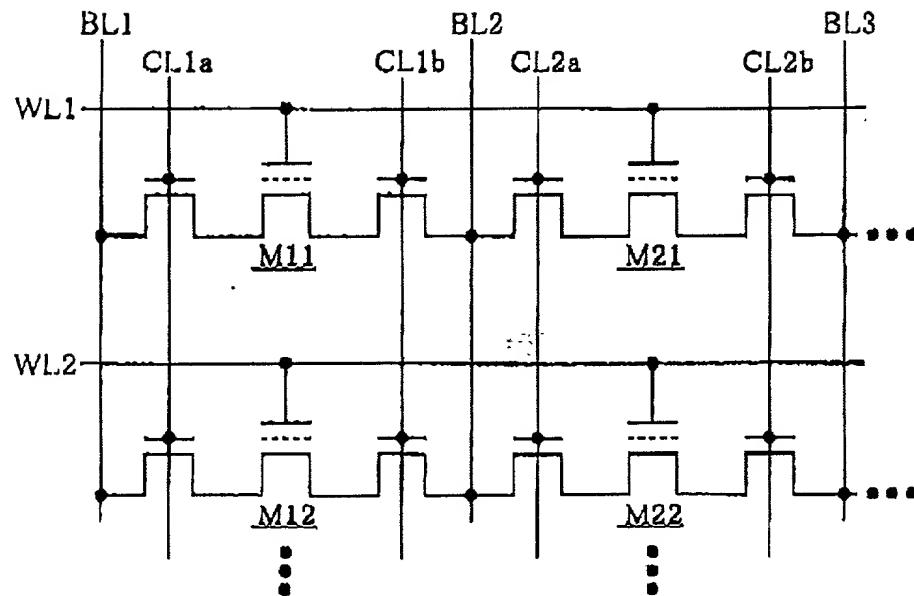


FIG. 12

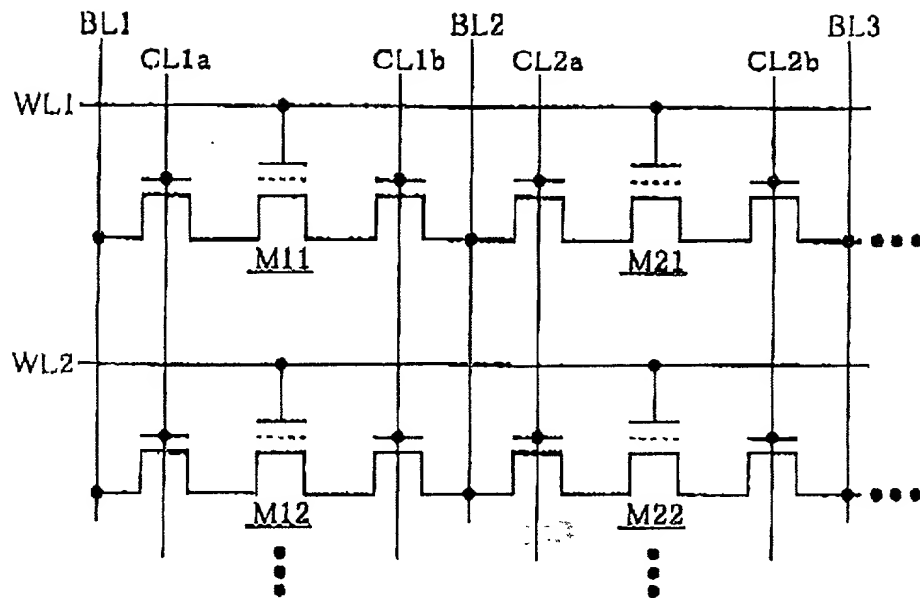


FIG. 13

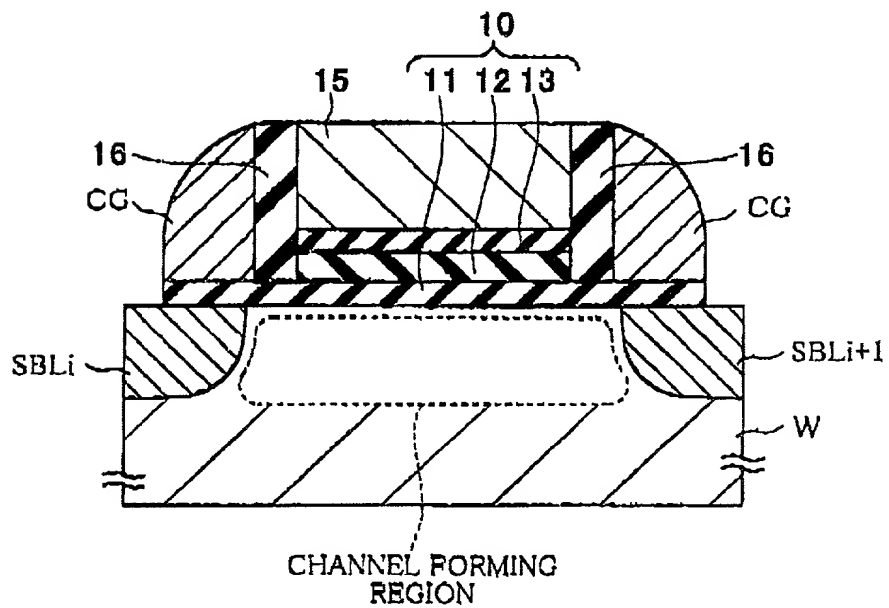


FIG. 14

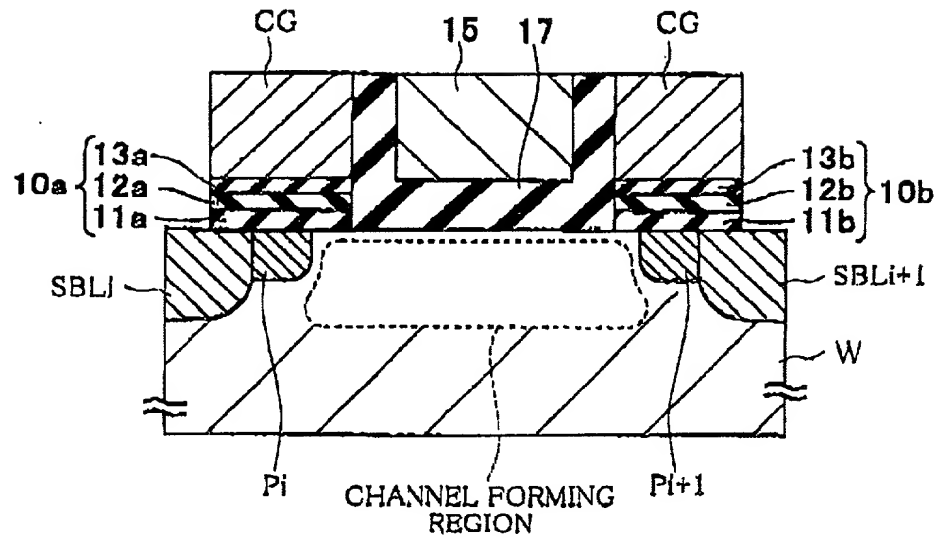


FIG. 15

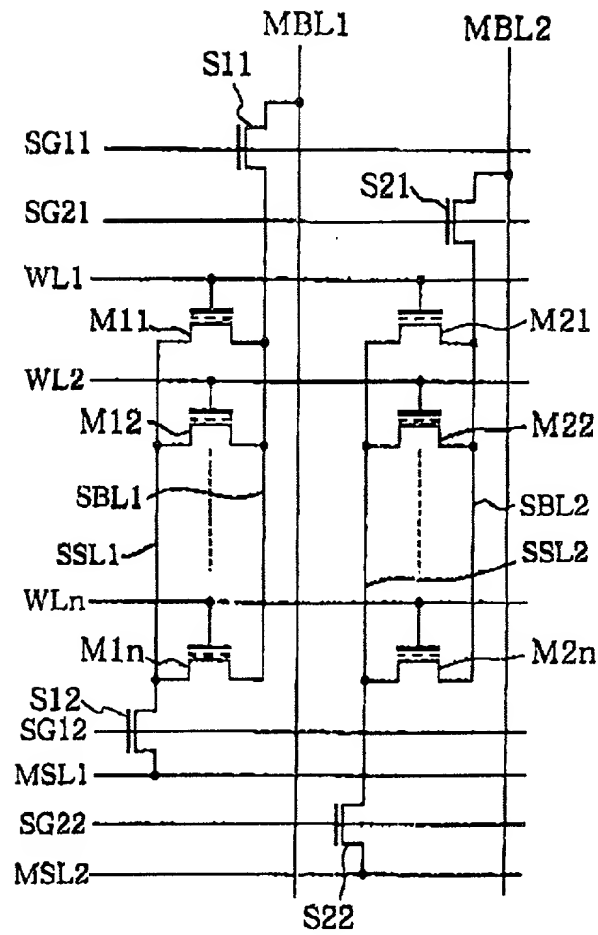


FIG. 16

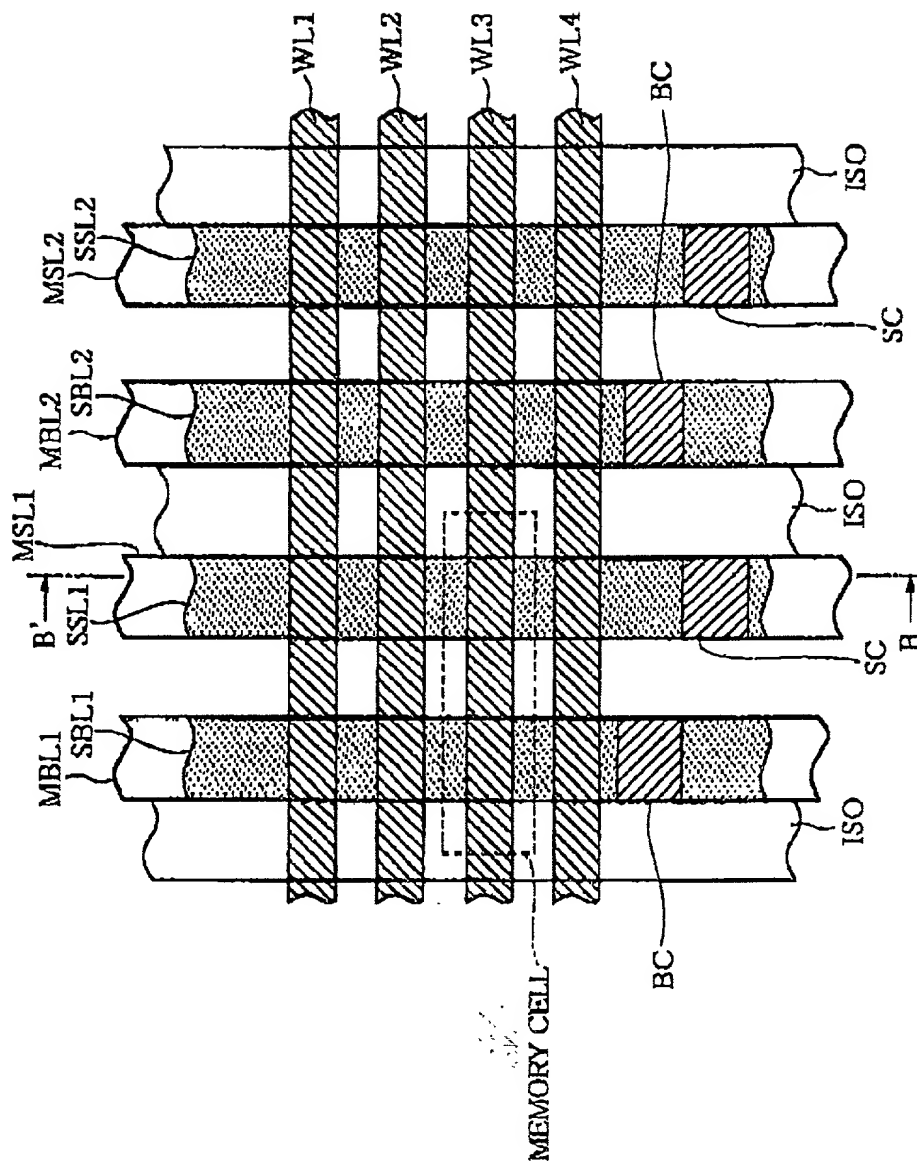


FIG. 17

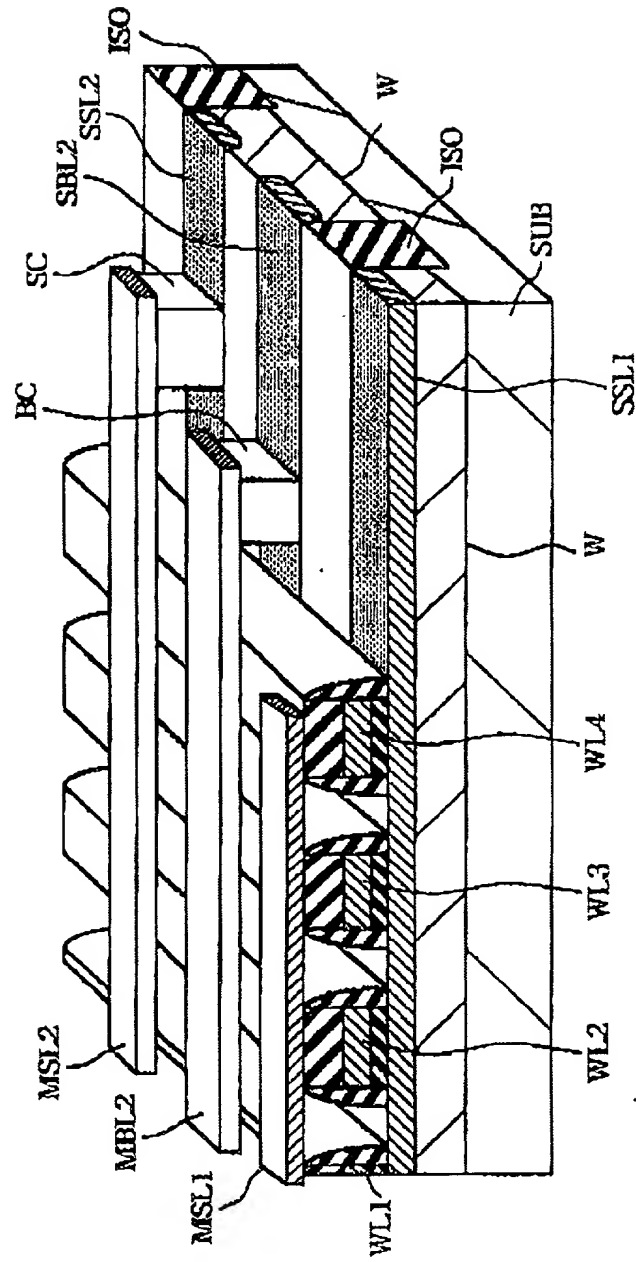


FIG. 18

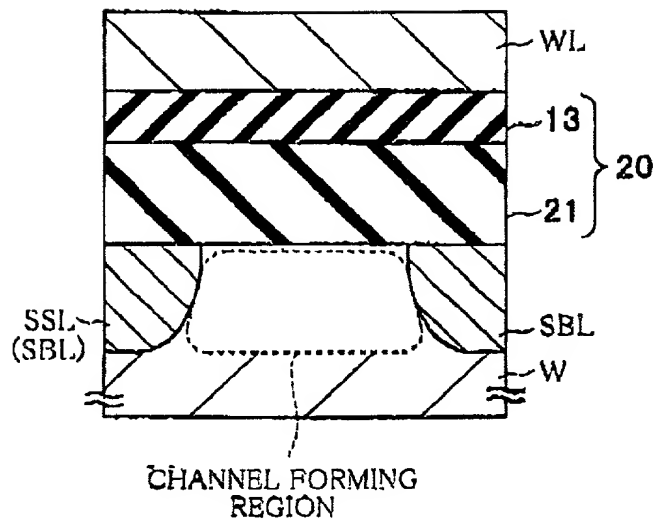


FIG. 19

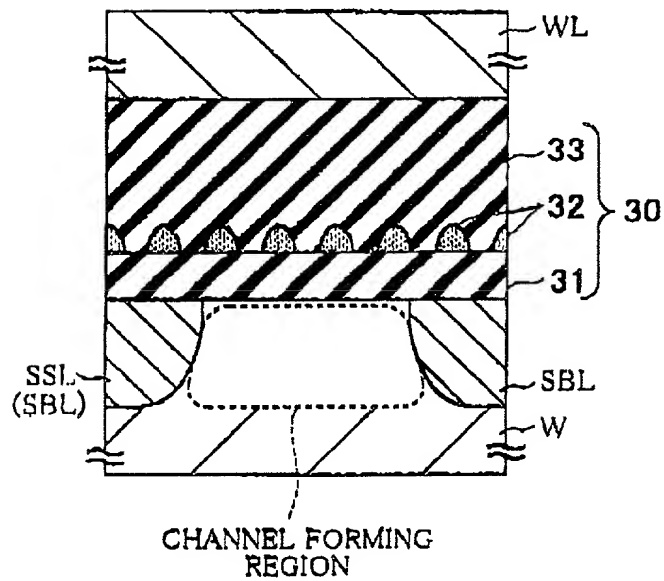


FIG. 20

